



# National Weather Service

## Storm Data and Unusual Weather Phenomena



September 2002

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed Injured		Estimated Damage Property Crops		Character of Storm
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### LAKE MICHIGAN

<b>LMZ644</b>	<b>Pt Washington To North Pt Lt Wi</b>								
Grafton	02	2115CST			0	0			Marine Tstm Wind (G52)
<b>LMZ643</b>	<b>Sheboygan To Pt Washington Wi</b>								
Sheboygan	02	2120CST			0	0			Marine Tstm Wind (G52)

Clusters and short lines of severe thunderstorms moved out over Lake Michigan

### WISCONSIN, Southeast

<b>Marquette County</b>									
Montello	02	2000CST			0	0			Thunderstorm Wind (G56)
<b>Fond Du Lac County</b>									
North Fond Du Lac	02	2005CST			0	0			Thunderstorm Wind (G52)
<b>Fond Du Lac County</b>									
Ripon	02	2005CST			0	0			Thunderstorm Wind (G52)
<b>Fond Du Lac County</b>									
1 NNW Brandon	02	2006CST	0.1	30	0	0			Tornado (F0)

A brief tornado spun up just north-northwest of the village of Brandon, as a cluster of severe storms moved east across Fond du Lac County. Law enforcement officials observed some tree damage.

<b>Fond Du Lac County</b>									
1 N Eden	02	2030CST 2031CST	0.3	75	0	0	750K		Tornado (F1)

A tornado, rated as F1 with winds of about 78 to 87 knots (90 to 100 mph) damaged three, large, cover-all, dairy barns. Severe damage was noted on the western-most barn. In addition, some trees were uprooted or had limbs ripped off. The three barns were part of Fond du Lac's largest dairy farm. Luckily, only one of the 1400 dairy cows was injured.

<b>Washington County</b>									
West Bend	02	2105CST			0	0	2K		Thunderstorm Wind (G56)
<b>Ozaukee County</b>									
Grafton	02	2115CST			0	0			Thunderstorm Wind (G52)
<b>Sheboygan County</b>									
Sheboygan	02	2120CST			0	0			Thunderstorm Wind (G52)
<b>Waukesha County</b>									
North Lake to Sussex	02	2140CST 2150CST			0	0			Thunderstorm Wind (G58) <sup>M</sup>

Clusters or short lines of severe storms with powerful downburst winds and isolated tornadoes moved through parts of south-central and southeast Wisconsin on Labor Day September 2, 2002. Two tornadoes spun up in Fond du Lac County. Refer to those individual tornado events for details. Numerous large trees were toppled in some locations by the downburst winds, while broken tree branches snapped some power lines. Amateur radio operators in Waukesha County measured peak wind gust of 58 knots (67 mph). In West Bend (Washington Co.), a house trailer was blown over, and slightly damaged, by the powerful winds

### **WIZ058>059-064>065-069>070 Dodge - Washington - Jefferson - Waukesha - Rock - Walworth**

06	0400CST 0900CST	0	0						Fog
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Dense fog developed overnight across parts of south-central and southeast Wisconsin. Visibilities were reduced to zero to 1/4 mile, resulting in a few vehicle accidents, and delayed airplane activities.

<b>Jefferson County</b>									
2.7 SW Cold Spg	09	1440CST			0	0			Hail(0.75)



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					Killed	Injured	Property	Crops	

### WISCONSIN, Southeast

#### **Walworth County**

<b>2.5 SW Whitewater</b>	<b>09</b>	<b>1500CST</b>			<b>0</b>	<b>0</b>			<b>Hail(0.75)</b>
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An isolated, small cluster of slow-moving severe thunderstorms dumped some large hail.

#### **Racine County**

<b>Burlington</b>	<b>19</b>	<b>1250CST</b>			<b>0</b>	<b>0</b>	<b>2K</b>		<b>Lightning</b>
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#### **Racine County**

<b>Burlington to 3.8 SE Waterford</b>	<b>19</b>	<b>1255CST 1310CST</b>			<b>0</b>	<b>0</b>			<b>Thunderstorm Wind (G56)</b>
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#### **Walworth County**

<b>Walworth</b>	<b>19</b>	<b>1400CST 1600CST</b>			<b>0</b>	<b>0</b>			<b>Urban/Sml Stream Fld</b>
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#### **Kenosha County**

<b>Kenosha</b>	<b>19</b>	<b>1445CST 1630CST</b>			<b>0</b>	<b>0</b>			<b>Urban/Sml Stream Fld</b>
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#### **Washington County**

<b>West Bend</b>	<b>19</b>	<b>1630CST</b>			<b>0</b>	<b>0</b>	<b>10K</b>		<b>Lightning</b>
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Fast-moving, severe thunderstorms swept through southeast Wisconsin, resulting in powerful downburst winds that leveled trees in western Racine County. In addition, cloudbursts dumped 1.02 inches of rain in the city of Kenosha (Kenosha Co.), and 1.80 inches of rain in Lake Geneva within 30 to 60 minutes, triggering some urban flooding in both locations. Lightning struck a couple power stations (location unknown), resulting in the loss of electricity for 5370 residents in Racine and Kenosha counties. Lightning struck a West Bend (Washington Co.) home, triggering small fires and damaging structural and electrical components. Lightning struck near a Burlington (Racine Co.) home, blowing out a window, and toppling trees that side-swiped and lightly damaged two neighboring homes.

#### **Kenosha County**

<b>Trevor</b>	<b>29</b>	<b>0600CST</b>			<b>0</b>	<b>0</b>	<b>1M</b>		<b>Lightning</b>
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Lightning struck a cork-producing business and probably produced sparks that ignited insulation in the attic. A slow-burning fire resulted, and eventually is became a major fire later in the day. This western Kenosha County business sustained significant structural and contents damage. The time of the lightning strike is an estimation by fire department officials, since several rounds of thunderstorms moved through the western Kenosha County area during the early morning hours.